



Fill in the boxes with the names of the organelles and with their functions.

- |                                     |   |  |
|-------------------------------------|---|--|
| – Cell membrane.                    | – Transport substances  | – Encloses the cell and regulates the substances exchanged between the inside and the outside of the cell. |
| – Nucleus.                          | – Where substances produced in the ER are processed.          | – The inside of the cell which contains the nucleus and the organelles.                                    |
| – Rough ER (Endoplasmic reticulum). | – A thick, rigid layer which provides support and protection. | – Where proteins formed in the ribosomes are stored and processed.   |
| – Cytoplasm.                        | – Where photosynthesis takes place.                           | – Sacs which contain storage or waste substances. They are much larger in plant cells.                     |
| – Vacuoles.                         | – Responsible for cell respiration.                           |  |
| – Vesicles.                         | – Contains the genetic material of the cell.                  |  |
| – Mitochondrion.                    |   |  |
| – Golgi body.                       |   |  |
| – Cell wall.                        |   |  |
| – Chloroplast.                      |   |  |

**Animal cell**

**Plant cell**